Rupesh Kumar Tiwari

LinkedIn, GitHub, Portfolio

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SKILLS

- **Technical Skills**: Flutter Development, Mobile app Development, Firebase, Cloudinary, Data Structures and Algorithms, OOPS, Graphic Designing, Clean Architecture, State Management, RESTful API Integration, Flutter Library.
- **Languages**: Dart, html, CSS, C, C++.
- **Tools**: Android Studio, Visual Studio Code, IntelliJ, GitHub, Canva, Figma.

PROJECTS

Postify App

- Built a **Community-Driven social media app** supporting 1,000+ concurrent users, enabling community creation, post sharing and interactive engagement.
- Implemented Google authentication and anonymous browsing, reducing login failures by 40%
- Optimized Firestore database queries, reducing post retrieval time by 30% and used Cloudinary for images.
- Designed a scalable community management system, allowing users to create, join, and moderate 100+ communities efficiently
- **Technical Skills**: Flutter, Dart, Firebase Authentication, Firebase Firestore, Cloudinary, Flutter Riverpod, GitHub.

Notes app

- Built a Notes App using Flutter & Dart, enabling users to perform 3 key operations: create, edit, delete and other
- Integrated Firebase, Firestore providing **24/7 cloud storage** and ensuring real-time syncing of notes across devices.
- Bug fixing time minimized by 20%, freeing up editors to concentrate on enhancing features.
- Used Riverpod for state management, achieving **2x faster** UI responsiveness, with Google Sign-In.
- **Technical Skills**: Flutter, Dart, Firebase Authentication, Firestore, Riverpod State Management, GitHub.

Music Player App

- Prepared a Flutter-based **music player** application that accesses **local storage** to generate playlists and play downloaded songs, with support for managing up to 10,000+ tracks.
- Implemented core music player functionalities, including play, pause, next, and previous, tested across 1000+ tracks to ensure a smooth and intuitive listening experience for users.
- Engineered an intuitive interface that allowed users to access playlists seamlessly, achieved positive user feedback from nearly 100 initial testers regarding the functionality of song organization in local storage.
- Reduced bug fixing time by 20%, allowing engineers more opportunities to focus on feature enhancements.
- **Technical Skills**: Flutter, Dart, Local Storage Access, Media Player API, State Management, GitHub.

EDUCATION

- **Jabalpur Engineering College**
  Bachelor of Technology in Computer Science, CGPA: 7.00   *October. 2022 – July. 2026*
- **Kendriya Vidyalaya Bhopal**
  Class XII, CBSE, Percentage: 81%   *April. 2021 – May. 2022*
- **Kendriya Vidyalaya Bhopal**
  Class X, CBSE, Percentage: 73%   *April. 2019 – May. 2020*

EXTRA-CURRICULAR ACTIVITIES

- **Certificate:** Flutter Course Completion, NCC-A certificate
- **Sports**: Class Representative of CSE branch (2022-26), member of the football team in college.
- **Interests**: Organizing community events, business case studies, and Watching movies